In the Claims

The claims have been amended as follows:

Claim 1-7 (cancel)

Claim 8 (currently amended) A sheet comprising activated, carbonized fibrillated lyocell fibers and a microbiological interception enhancing agent ~~on a portion of selected ones of said carbonized fibrillated lyocell fibers~~, wherein prior to carbonization said ~~carbonized~~ fibrillated lyocell fibers ~~having~~ have a Canadian Standard Freeness of less than about 100 and a fiber diameter of less than or equal to about 400nm, said sheet carbonized at a temperature of less than about 600°C, said microbiological interception enhancing agent comprising a biologically active metal precipitated with a counter ion of a cationic material that is adsorbed on at least a portion of said fibers to form a metal colloidal precipitate complex on a portion of a surface of at least some of said activated, carbonized fibers.

Claim 9 (original) A sheet of claim 8 wherein said sheet is further heated to form an activated carbon sheet having a BET surface area of greater than about 800 m2/g.

Claim 10 (withdrawn) A sheet of claim 8 wherein the fibrillated fibers have a Canadian Standard Freeness of less than about 45 or a fiber diameter of less than about 250nm.

Claim 11 (withdrawn) A sheet of claim 8 wherein the fibrillated fibers have a Canadian Standard Freeness of less than about 0 or a fiber diameter of less than about 250nm.

Claim 12 (cancel)

Claim 13 (cancel)

Claim 14 (withdrawn) A sheet of claim 8 further including active agents captured therein.

Claim 15 (withdrawn) A sheet of claim 14 wherein the active agents comprise metals, metal salts, metal oxides, glass, alumina, carbon, activated carbon, silicates, ceramics, zeolites, diatomaceous earth, activated bauxite, fuller's earth, calcium sulfate, titanium dioxide, magnesium hydroxide, manganese oxides, magnesia, perlite, talc, clay, bone char, pitch, calcium hydroxide, calcium salts, or combinations thereof.

Claim 16 (cancel)

Claim 17 (withdrawn) A sheet of claim 8 wherein the fibrillated fibers are admixed with active agents, and made into a paper prior to carbonization.

Claim 18 (withdrawn) A sheet of claim 8 wherein said sheet is used as an electrode.

Claim 19 (withdrawn) A sheet of claim 8 further including a catalyst or a catalyst support.

Claim 20 (original) A filter medium comprising the sheet of claim 8.

Claim 21 (currently amended) A sheet comprising activated, carbonized fibrillated lyocell fibers and a microbiological interception enhancing agent ~~on a portion of selected ones of said fibrillated lyocell fibers, said microbiological interception enhancing agent~~ comprising a biologically active metal precipitated with a counter ion of a cationic material ~~that is adsorbed on said~~ on at least a portion of said fibers to form a metal colloidal complex on a portion of a surface of at least some ~~selected ones~~ of said activated, carbonized fibrillated lyocell fibers, said fibrillated lyocell fibers having a BET surface area of greater than about 800m2/g, wherein prior to carbonization and activation, the fibrillated fibers have a Canadian Standard Freeness of less than about 100 or a fiber diameter of less than or equal to about 400nm and wherein activation occurs in less than or equal to about 30 minutes at a temperature greater than about 875°C in an oxidizing atmosphere.

Claim 22 (withdrawn) A sheet of claim 21 wherein the fibrillated fibers have a Canadian Standard Freeness of less than about 45 or a fiber diameter of less than about 250nm.

Claim 23 (withdrawn) A sheet of claim 21 wherein the fibrillated fibers have a Canadian Standard Freeness of less than about 0 or a fiber diameter of less than about 250nm.

Claim 24 (withdrawn) A sheet of claim 21 wherein the fibrillated fibers comprise polymers, liquid crystal polymers, engineered resins, cellulose, rayon, ramie, wool, silk, or combinations thereof.

Claim 25 (cancel)

Claim 26 (withdrawn) A sheet of claim 21 further including active agents captured therein.

Claim 27 (withdrawn) A sheet of claim 26 wherein the active agents comprise metals, metal salts, metal oxides, glass, alumina, carbon, activated carbon, silicates, ceramics, zeolites, diatomaceous earth, activated bauxite, fuller's earth, calcium sulfate, titanium dioxide, magnesium hydroxide, manganese oxides, magnesia, perlite, talc, clay, bone char, pitch, calcium hydroxide, calcium salts, or combinations thereof.

Claim 28 (withdrawn) A sheet of claim 21 wherein the fibrillated fibers are admixed with active agents, and made into a paper prior to carbonization and activation.

Claim 29 (withdrawn) A sheet of claim 21 further including a catalyst or a catalyst support.

Claim 30 (cancel)

Claim 31 (withdrawn) A filter medium comprising the sheet of claim 21.

Claim 32 (withdrawn) A sheet comprising carbonized fibrillated fibers and a microbiological interception enhancing agent on a portion of selected ones of said fibrillated fibers, said fibrillated fibers having a Canadian Standard Freeness of less than about 45 or a fiber diameter of less than or equal to about 250nm, and active agents captured within said carbon sheet, said active agents present in an amount greater than about 10 weight percent of a total weight of said sheet.

Claim 33 (withdrawn) A sheet of claim 32 wherein the active agents comprise metals, metal salts, metal oxides, glass, alumina, carbon, activated carbon, silicates, ceramics, zeolites, diatomaceous earth, activated bauxite, fuller's earth, calcium sulfate, titanium dioxide, magnesium hydroxide, manganese oxides, magnesia,

perlite, talc, clay, bone char, pitch, calcium hydroxide, calcium salts, or combinations thereof.

Claim 34 (withdrawn) A sheet of claim 32 wherein said active agents are present in an amount of greater than 50 weight percent.

Claim 35 (withdrawn) A sheet of claim 32 wherein said active agents have a particle size of less than about 50 μm and are present in an amount of greater than 97 weight percent.

Claim 36 (withdrawn) A sheet of claim 32 wherein said sheet is used as an electrode.

Claim 37 (withdrawn) A sheet of claim 32 further including a catalyst or a catalyst support incorporated therein.

Claim 38 (cancel)

Claim 39 (withdrawn) A filter medium comprising the sheet of claim 32.

Claim 40 (withdrawn) A sheet comprising activated, carbonized fibrillated fibers and a microbiological interception enhancing agent on a portion of selected ones of said fibrillated fibers, wherein the fibrillated fibers have a Canadian Standard

Freeness of less than about 45, a diameter of less than or equal to about 250nm, and active agents captured therein, wherein the active agents are present in an amount greater than about 10 weight percent of a total weight of said sheet.

Claim 41 (withdrawn) A sheet of claim 40 wherein the active agents comprise metals, metal salts, metal oxides, glass, alumina, carbon, activated carbon, silicates, ceramics, zeolites, diatomaceous earth, activated bauxite, fuller's earth, calcium sulfate, titanium dioxide, magnesium hydroxide, manganese oxides, magnesia, perlite, talc, clay, bone char, pitch, calcium hydroxide, calcium salts, or combinations thereof.

Claim 42 (withdrawn) A sheet of claim 40 further including a catalyst or a catalyst support.

Claim 43 (cancel)

Claim 44 (withdrawn) A filter medium comprising the sheet of claim 40.

Claims 45-84 (cancel)

Claim 85 (currently amended) A sheet comprising activated, carbonized fibrillated fibers having a microbiological interception enhancing agent on at least a portion of at least some ~~selected ones~~ of said fibrillated fibers, said microbiological

interception enhancing agent comprising a biologically active metal precipitated with a counter ion of a cationic material that is adsorbed on said at least portion of ~~said selected ones of~~ said fibrillated fibers to form a metal colloidal complex on a portion of a surface of at least some of said activated, carbonized fibrillated fibers.

Claim 86 (currently amended) The sheet of claim 85 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 100.

Claim 87 (currently amended) The sheet of claim 85 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 45.

Claim 88 (currently amended) The sheet of claim 85 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 0.

Claim 89 (currently amended) The sheet of claim 85 wherein prior to carbonization said fibrillated fibers have a fiber diameter of less than about 250nm.

Claim 90 (withdrawn) The sheet of claim 85 further including active agents captured therein.

Claim 91 (withdrawn) The sheet of claim 85 further including a catalyst or a catalyst support.

Claim 92 (Previously Presented) The sheet of claim 85 wherein said cationic material is selected from the group consisting of a colloid, a charged molecule, and a linear or branched polymer having positively charged atoms along a length of said polymer chain having said counter ion associated therewith.

Claim 93-100 (cancel)

Claim 101 (currently amended) A sheet comprising activated, carbonized fibrillated lyocell fibers having a microbiological interception enhancing agent on at least a portion of at least some ~~selected ones~~ of said fibrillated fibers, said microbiological interception enhancing agent comprising a biologically active metal precipitated with a counter ion of a cationic material that is adsorbed on said at least portion ~~of said selected ones~~ of said fibrillated fibers to form a metal colloidal complex on a portion of a surface of at least some of said activated, carbonized fibrillated fibers.

Claim 102 (currently amended) The sheet of claim 101 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 100.

Claim 103 (currently amended) The sheet of claim 101 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 45.

Claim 104 (currently amended) The sheet of claim 101 wherein prior to carbonization said fibrillated fibers have a Canadian Standard Freeness of less than about 0.

Claim 105 (currently amended) The sheet of claim 101 wherein prior to carbonization said fibrillated fibers have a fiber diameter of less than about 250nm.

Claim 106 (withdrawn) The sheet of claim 101 further including active agents captured therein.

Claim 107 (withdrawn) The sheet of claim 101 further including a catalyst or a catalyst support.

Claim 108 (Previously Presented) The sheet of claim 101 wherein said cationic material is selected from the group consisting of a colloid, a charged molecule, and a linear or branched polymer having positively charged atoms along a length of said polymer chain having said counter ion associated therewith.